

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Currently Amended) Thermal pre-ignition agents ~~containing from 10 to 90 wt. %, preferably having an adjustable deflagration point and a composition comprising from 10 to 50 wt. %, particularly preferably from 10 to 30 wt. %, dipicrylaminoethyl nitrate, from 10 to 90 wt. %, preferably from 10 to 60 wt. %, particularly preferably from 20 to 40 wt. %, of a nitrogen-containing compound and from 10 to 90 wt. %, preferably from 25 to 75 wt. %, particularly preferably from 40 to 60 wt. %, of an -oxidizing agent, and 10 to 60 wt. % of a nitrogen-containing compound other than dipicrylaminoethyl nitrate and the oxidizing agent, wherein the thermal pre-ignition agent has a deflagration point controlled based on the composition thereof.~~

3. (Currently Amended) Thermal pre-ignition agents according to claim 42, -characterized in that the -oxidizing agent is selected from one or more of the nitrates of the alkali and/or alkaline earth metals and/or of ammonium, of the perchlorates of the alkali and/or alkaline earth metals and/or of ammonium, and of the peroxides of the alkaline earth metals and/or of zinc.

4. (Currently Amended) Thermal pre-ignition agents according to claim 2, -characterized in that the nitrogen-containing compound is selected from one or more of nitroguanidine, nitroaminoguanidine, nitrotriazolone, derivatives of tetrazole and/or salts thereof, nitraminotetrazole and/or its salts,

aminoguanidine nitrate, diaminoguanidine nitrate, triaminoguanidine nitrate, guanidine nitrate, dicyandiamidine nitrate, and diaminoguanidine azotetrazolate.

5. (Currently Amended) Thermal pre-ignition agents according to one or more of claim 42, ~~characterized in that they contain~~wherein the composition further comprises from 1 to 80 wt. %, ~~preferably from 1 to 40 wt. %, particularly preferably from 1 to 15 wt. %,~~ of a reducing agent, ~~preferably selected from one or more of aluminum, titanium, titanium hydride, boron, boron hydride, zirconium, zirconium hydride, silicon, graphite, activated carbon, carbon black.~~

6. (Currently Amended) Thermal pre-ignition agents according to one or more of claim 42, ~~characterized in that they contain~~wherein the composition further comprises from 1 to 80 wt. %, ~~preferably from 1 to 40 wt. %, particularly preferably from 1 to 20 wt. %,~~ of a binder, ~~preferably selected from one or more of cellulose and derivatives thereof, polyvinylbutyrals, polynitropolyphenylene, polynitrophenyl ether, Plexigum, polyvinyl acetate and copolymers.~~

7. (Currently Amended) Thermal pre-ignition agents according to one or more of claim 42, ~~characterized in that they contain~~wherein the composition further comprises from 10 to 80 wt. %, ~~preferably from 10 to 50 wt. %, particularly preferably from 10 to 30 wt. %,~~of at least one high-energy additives, ~~preferably selected from one or more of hexogen, octogen and nitrocellulose.~~

8. (Currently Amended) Thermal pre-ignition agents according to one

~~or more of claim 12, characterized in that they contain wherein the composition further comprises from 0.1 to 20 wt. %, preferably from 0.1 to 10 wt. %, of at least one combustion moderators and processing aids, preferably selected from one or more of ferrocene and derivatives thereof, acetylacetates, salicylates, silicates, silica gels and boron nitride.~~

9. (Currently Amended) ~~Use of a thermal pre-ignition agent according to one or more of claim 1 as a~~ A thermal fuse for use in gas generators for motor vehicle safety systems, comprising a thermal pre-ignition agent according to claim 2.

10. (New) Thermal pre-ignition agents according to claim 2, wherein the composition comprises from 10 to 30 wt. % of the dipicrylaminoethyl nitrate.

11. (New) Thermal pre-ignition agents according to claim 2, wherein the composition comprises from 20 to 40 wt. % of the nitrogen-containing compound.

12. (New) Thermal pre-ignition agents according to claim 5, wherein the composition comprises from 1 to 40 wt. % of the reducing agent.

13. (New) Thermal pre-ignition agents according to claim 5, wherein the composition comprises from 1 to 15 wt. % of the reducing agent.

14. (New) Thermal pre-ignition agents according to claim 5, wherein the reducing agent is selected from one or more of aluminum, titanium, titanium hydride, boron, boron hydride, zirconium, zirconium hydride, silicon, graphite, activated carbon, and carbon black.

15. (New) Thermal pre-ignition agents according to claim 6, wherein

the composition comprises from 1 to 40 wt. % of the binder.

16. (New) Thermal pre-ignition agents according to claim 6, wherein the composition comprises from 1 to 20 wt. % of the binder.

17. (New) Thermal pre-ignition agents according to claim 6, wherein the is binder selected from one or more of cellulose and derivatives thereof, polyvinylbutyrals, polynitropolyphenylene, polynitrophenyl ether, Plexigum, polyvinyl acetate and copolymers.

18. (New) Thermal pre-ignition agents according to claim 7, wherein the composition comprises from 10 to 50 wt. % of the at least one high-energy additive.

19. (New) Thermal pre-ignition agents according to claim 7, wherein the composition comprises from 10 to 30 wt. % of the at least one high-energy additive.

20. (New) Thermal pre-ignition agents according to claim 7, wherein the at least one high-energy additive is selected from one or more of hexogen, octogen and nitrocellulose.

21. (New) Thermal pre-ignition agents according to claim 8, wherein the composition comprises from 0.1 to 10 wt. % of the at least one combustion moderator and processing aid.

22. (New) Thermal pre-ignition agents according to claim 8, wherein the at least one combustion moderator and processing aid is selected from one or more of ferrocene and derivatives thereof, acetylacetates, salicylates, silicates, silica gels and boron nitride.

23. (New) Thermal pre-ignition agents according to claim 2, wherein

the composition has a deflagration point in a range of 178°C to 208°C.

24. (New) Thermal pre-ignition agents according to claim 23, wherein the composition has a deflagration point below 200°C.

25. (New) A method for producing a thermal pre-ignition agent having a predetermined deflagration point in a range of 178°C to 208°C, comprising adjusting the deflagration point by mixing predetermined amounts of materials comprising from 10 to 50 wt. % dipicrylaminoethyl nitrate, from 40 to 60 wt. % of an oxidizing agent, and 10 to 60 wt. % of a nitrogen-containing compound other than dipicrylaminoethyl nitrate and the oxidizing agent, and homogenizing the materials.

26. (New) The method according to claim 25, wherein the predetermined deflagration point is below 200°C.